

# A BREATH OF FRESH AIR FOR SCHOOLS

Mojave's ArctiDry provides fresh, cool, dry air reliably and affordably to support improved student performance.

## Indoor air quality has a measurable impact on student performance, including productivity and test scores.\*

Mojave's ArctiDry patented liquid desiccant design simultaneously cools, dehumidifies, and neutralizes airborne pathogens, improving indoor air quality and reducing electricity consumption by up to 50 percent, helping school districts lower both operating costs and climate impacts.



**Control humidity on both hot AND cold rainy days**



**Similar capital cost and half the operating expense**



**Lower energy consumption and climate impact**



**Many schools have felt the negative effects of poor humidity control. This can lead to dampness and mold in learning environments that are linked to higher rates of asthma and other respiratory issues -- leading causes of absenteeism.**

Mojave's liquid desiccant technology is the solution to address these issues. ArctiDry can handle all areas on campus, even those with challenging humidity requirements, like cafeterias, libraries, gyms and labs. ArctiDry is also simple to service, featuring large, easy-to-remove access doors and effortless filter replacement. The liquid desiccant never needs to be replaced or replenished, and is continuously cleaned with easily accessible T-strainers.

The cost of Mojave units is comparable to typical Dedicated Outdoor Air Systems (DOAS) with the added benefit of saving tens of thousands of dollars per year in electricity costs, freeing up funds for projects that can directly benefit students and staff.

\*<https://www.epa.gov/iaq-schools/evidence-scientific-literature-about-improved-academic-performance>

# Performance. Flexibility. Efficiency. Value.

Mojave ArctiDry gives you unparalleled control over temperature and humidity, all in a single packaged unit.

## Product Specifications

	A CABINET	B CABINET
<b>AIRFLOW</b>	1,000-3,000 CFM	3,000-6,000 CFM
<b>EFFECTIVE CAPACITY</b>	UP TO 26 TONS	26-40 TONS
<b>MOISTURE REMOVAL</b>	UP TO 130lb/hr	UP TO 260lb/hr
<b>SUPPLY AIR CONDITIONS</b>	55-75° FDB 35-55F DP (30-64 gr/lb) 3 inwg ESP Available	
<b>ISMRE2</b>	Up to 11 lbs/kWh	
<b>REFRIGERANT</b>	R-454B	
<b>CONSTRUCTION</b>	2" Double Wall, R-13	
<b>WEIGHT</b>	3500 lb	6100 lb
<b>CONTROLS</b>	Factory packaged controls with BACnet MSTP/IP and Modbus standard	

## Precise Temperature & Humidity Control



## Unparalleled Efficiency

